IN THE CLAIMS

Please amend the claims as follows.

1.   (Currently Amended)   For use in an information processing system, an apparatus for automatically classifying video signals comprising:

a keyframe classifier for segmenting the video signals into an initial set of one or more story segments; and

a text classifier controller adapted for:

providing multiple classifications of text, said text classifier controller reading text having a plurality of keywords contained within at least one of the story segments,

identifying one or more keywords within each of a first and second two or more lines of said text,

in response to identifying at least one of said keywords within each said line of text, classifying each of said lines of text as a part of one or more classifications of said video signals that have been segmented into said at least one story segment, and

in response to a comparison of said identified keywords within said first and second lines of text, identifying a keyword transition point within said at least one story segment between two adjacent portions of text, wherein a number of keywords detected in a keyword category for at least one line of text prior to the keyword transition point either decreases below a first threshold number or increases above a second threshold number.

2.   (Currently Amended)   The apparatus as set forth in Claim 1 wherein said text classifier controller is adapted for sequentially comparing first and second lines of text to compare the number of keywords detected for each first line of text with the number of keywords detected for each second line of text , and for identifying a keyword transition point between two adjacent portions of text where the number of keywords detected in a keyword category for each line of text prior to said keyword transition point decreases below a threshold number.

3.   (Currently Amended)   The apparatus as set forth in Claim 2 wherein said text classifier controller is adapted for classifying text between [[the]] a beginning of the text and a first the keyword transition point as one story segment of the text when said text classifier controller identifies a first the keyword transition point.

4.   (Currently Amended)   The apparatus as set forth in Claim 2 wherein said text classifier controller is adapted for classifying text between a first the keyword transition point and a second keyword transition point as one story segment of the text when said text classifier controller identifies a first the keyword transition point and [[a]] the second keyword transition point.

5.   (Cancelled).

6.   (Original)   The apparatus as set forth in Claim 1 wherein said text classifier

controller comprises an algorithm for reading lines of text to identify keywords contained within said

lines of text, wherein said algorithm classifies each line of text in a keyword category that has the

largest number of keywords in said line of text.

7.   (Currently Amended)   An information processing system of the type

comprising:

a video story segmentation device;

a keyword library; and

a classification device;

wherein said information processing system includes a text classifier controller adapted for:

reading text having a plurality of keywords contained within at least one story

segment within said text,

identifying one or more keywords within each of a first and second two or more lines

of said text,

in response to identifying at least one of said keywords within each said line of text,

classifying each of said lines of text as a part of said at least one story segment into one or more

classifications of said at least one story segment within said text, and

in response to a comparison of said identified keywords within said first and second

lines of text, identifying a keyword transition point within said at least one story segment between

two adjacent portions of text, wherein a number of keywords detected in a keyword category for at

least one line of text prior to the keyword transition point either decreases below a first threshold

number or increases above a second threshold number.

8. (Currently Amended) [[An]] The information processing system as set forth in Claim 7 wherein said text classifier controller is adapted for sequentially comparing first and second lines of text to compare the number of keywords detected for each first line of text with the number of keywords detected for each second line of text , and for identifying a keyword transition point between two adjacent portions of text where the number of keywords detected in a keyword category for each line of text prior to said keyword transition point decreases below a threshold number.

9. (Currently Amended) [[An]] The information processing system as set forth in Claim 8 wherein said text classifier controller is adapted for classifying text between [[the]] a beginning of the text and a first the keyword transition point as one story segment of the text when said text classifier controller identifies a first the keyword transition point.

10. (Currently Amended) [[An]] The information processing system as set forth in Claim 8 wherein said text classifier controller is adapted for classifying text between a first the keyword transition point and a second keyword transition point as one story segment of the text when said text classifier controller identifies a first the keyword transition point and [[a]] the second keyword transition point.

11. (Cancelled).

12.   (Currently Amended)   [[An]] The information processing system as set forth in Claim 7 wherein said text classifier controller comprises an algorithm for reading lines of text to identify keywords contained within said lines of text, wherein said algorithm classifies each line of text in a keyword category that has the largest number of keywords in said line of text.

13.   (Currently Amended)   For use in an information processing system, a method

of automatically classifying audio and visual signals comprising the steps of:

initially segmenting the audio and visual signals based upon keyframe identification into one

or more story segments;

reading text having a plurality of keywords contained within at least one story segment;

identifying one or more keywords within each of ~~a first and second~~ two or more lines of said

text;

in response to identifying at least one of said keywords ~~within each said line of text~~,

classifying each of said lines of text as a part of ~~said at least one story segment into~~ one or more

classifications of said audio and visual signals that have been segmented into said at least one story

segment; and

in response to a comparison of said identified keywords ~~within said first and second lines of~~

~~text~~, identifying a keyword transition point within said at least [[on e]] one story segment between

two adjacent portions of text, wherein a number of keywords detected in a keyword category for at

least one line of text prior to the keyword transition point either decreases below a first threshold

number or increases above a second threshold number.

14.   (Currently Amended)   The method as set forth in Claim 13 further comprising

the step [[s]] of:

sequentially comparing first and second lines of text to compare the number of keywords

detected for each first line of text with the number of keywords detected for each second line of text

; and

identifying a keyword transition point between two adjacent portions of text where the

number of keywords detected in a keyword category for each line of text prior to said keyword

transition point decreases below a threshold number.

15.   (Currently Amended)   The method as set forth in Claim 14 further comprising

the step of:

classifying text between [[the]] a beginning of the text and a first the keyword transition point

as one story segment of the text when said text classifier controller identifies a first the keyword

transition point.

16.   (Currently Amended)   The method as set forth in Claim 14 further comprising

the step of:

classifying text between a first the keyword transition point and a second keyword transition

point as one story segment of the text when said text classifier controller identifies a first the

keyword transition point and [[a]] the second keyword transition point.

17.   (Cancelled).

18.   (Currently Amended)   The method as set forth in Claim 13 further comprising

the steps of:

sequentially comparing first and second lines of text to compare the number of keywords

detected for each first line of text with the number of keywords detected for each second line of text;

[[and]]

identifying a plurality of keyword transition points in said text between adjacent portions of

text ~~where the number of keywords detected in a keyword category for each line of text prior to each~~

~~of said keyword transition points decreases below a threshold number~~; and

classifying the text between each two adjacent keyword transition points of said plurality of

keyword transition points as a story segment of the text.

19.   (Currently Amended)   For use in a computerized information processing system, computer-executable instructions stored on a computer-readable storage medium for automatically classifying text, the computer-executable instructions comprising the steps of:

initially segmenting a video into one or more story segments based upon keyframes;

reading text having a plurality of keywords contained within at least one story segment;

identifying one or more keywords within each of ~~a first and second~~ two or more lines of said text;

in response to identifying at least one of said keywords ~~within each said line of text~~, classifying each of said lines of text as a part of ~~said at least one story segment into~~ one or more classifications of said video that have been segmented into said at least one story segment; and

in response to a comparison of said identified keywords ~~within said first and second lines of text~~, identifying a keyword transition point within said at least one story segment between two adjacent portions of text, wherein a number of keywords detected in a keyword category for at least one line of text prior to the keyword transition point either decreases below a first threshold number or increases above a second threshold number.

20. (Currently Amended) The computer-executable instructions stored on a computer-readable storage medium as set forth in Claim 19, the computer-executable instructions further comprising the step [[s]] of:

sequentially comparing first and second lines of text to compare the number of keywords detected for each first line of text with the number of keywords detected for each second line of text ; and

identifying a keyword transition point between two adjacent portions of text where the number of keywords detected in a keyword category for each line of text prior to said keyword transition point decreases below a threshold number.

21. (Currently Amended) The computer-executable instructions stored on a computer-readable storage medium as set forth in Claim 20, the computer-executable instructions further comprising the step of:

classifying text between [[the]] a beginning of the text and a first the keyword transition point as one story segment of the text when said text classifier controller identifies a first the keyword transition point.

22.   (Currently Amended)   The computer-executable instructions stored on a computer-readable storage medium as set forth in Claim 20, the computer-executable instructions further comprising the step of:

classifying text between a first the keyword transition point and a second keyword transition point as one story segment of the text when said text classifier controller identifies a first the keyword transition point and [[a]] the second keyword transition point.

23.   (Cancelled).

24.   (Currently Amended)   The computer-executable instructions stored on a computer-readable storage medium as set forth in Claim 19, the computer-executable instructions further comprising the steps of:

sequentially comparing first and second lines of text to compare the number of keywords detected for each first line of text with the number of keywords detected for each second line of text; [[and]]

identifying a plurality of keyword transition points in said text between adjacent portions of text where the number of keywords detected in a keyword category for each line of text prior to each of said keyword transition points decreases below a threshold number; and

classifying the text between each two adjacent keyword transition points of said plurality of keyword transition points as a story segment of the text.

-13-

25.   (New)   The apparatus as set forth in Claim 1, wherein one or more of the keywords are located in a number of successive lines of text prior to the keyword transition, the number of successive lines of text exceeding a third threshold number.

26.   (New)   The information processing system as set forth in Claim 7, wherein one or more of the keywords are located in a number of successive lines of text prior to the keyword transition, the number of successive lines of text exceeding a third threshold number.

27.   (New)   The method as set forth in Claim 13, wherein one or more of the keywords are located in a number of successive lines of text prior to the keyword transition, the number of successive lines of text exceeding a third threshold number.

28.   (New)   The computer-executable instructions stored on a computer-readable storage medium as set forth in Claim 19, wherein one or more of the keywords are located in a number of successive lines of text prior to the keyword transition, the number of successive lines of text exceeding a third threshold number.